

ELECTRIC STRIKE EX118R (USE ON FIRE DOORS)

Zones 1, 2, 21, 22

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MISCELLANEOUS

ZONES 1, 2 (gas) & 21, 22 (dust)



The EX118R electric strike is designed for use on fire doors in hazardous areas. It is equipped with monitoring contact as standard. The FaFix radius keeper can be adjusted by 3 mm. The connecting cable is 10 metres long.

- For use in potentially explosive atmospheres, e.g. laboratories, chemical plants, mills, paint finishing plants
- Universal installation position, vertical and horizontal
- Holding force of 9,000 N
- Monitoring contact as standard

The door strike must only be operated using the following individual parts:

- Power supply 14.8 V, 160 mA
- EX-I switching amplifier type 9170/11-11-11S



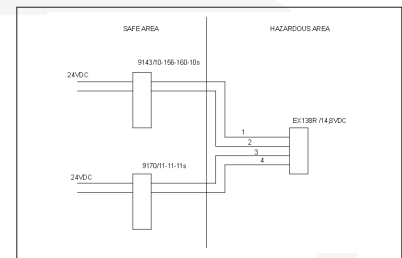
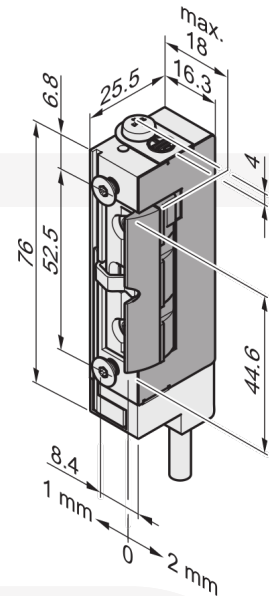
EU-Type Examination Certificate

ITEM REFERENCES

Designation:	Item No.:
EX118R-----Z91 9143/10-156-160-10S 9170/11-11-11S	7F0303

TECHNICAL SPECIFICATIONS ELECTRIC STRIKE EX138R-----Z91

Marking:	II 2G Ex ib IIB T4 Gb II 2D Ex ib IIIC 95 °C Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	T4: -20°C to +50°C
Adjustable keeper (FF, FaFix®):	Yes
Monitoring contact (RR):	Yes
Diode (05):	Yes
Fail-unlocked:	Yes / 123 mA
Continuous duty:	14,8 V DC
Certified in compliance with:	DIN EN 14846:2008
Load cycles for in-plant test:	250000
Installation position:	Vertical and horizontal
Break-in resistance:	9000 N
Length:	76 mm
Connecting cable:	10 m
Suitable for fire doors:	Yes
Width:	18 mm
FaFix® adjustment range:	3 mm
Depth:	25,5 mm
Latch bolt engaging depth:	6 mm
Scope of delivery:	Delivery without striking plate with connecting cable
DIN direction:	Universal



TECHNICAL SPECIFICATIONS

POWER SUPPLY 9143/10-156-160-10S

Ex i SWITCHING REPEATER 9170/11-11-11S

Marking:	II 3(2)G Ex nA [ib Gb] IIC/IIB T4 Gc II (2)D [Ex ib Db] IIIC I (M2) [Ex ib Mb] I	II (1)G [Ex ia Ga] IIC II (1)D [Ex ia Da] IIIC
Certificate:	EU-Type Examination Certificate	EU-Type Examination Certificate
Power supply:	24 V AC / DC	24 V DC
Nominal voltage U_N :	12.5 ... 14.7 V	
Max. nominal current I_N :	140 mA	
Output / channel:		2 change-over contacts